ABSTRACT OF THE DISCLOSURE

A system allows a user to select a service on a device and request a service executing function of a server to carry out the service. An authentication function authenticates the user and searches the functions of devices required in the requested service within the authority given to the user. The function acquires and registers the right to use in a device-configuration managing function through a right-to-use managing function. An adaptor delivering function delivers specifications for setting connections between functions required for execution of the service and a group encryption key generated by a key-generating function to devices. Device coordinating functions set device-embedded functions based on the received specifications. The functions conduct cipher communication with other devices using the key and carry out the service.

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